

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dino J. Farina, Timothy M. Fallon, Socratis Kalogrianitis and Peter Taylor

Continuation Application of

Application No.: 10/176,930

Filed: June 21, 2002

Title: PRECISE POSITION CONTROLLED ACTUATING METHOD AND SYSTEM

Date: <u>4/16/04</u>
EXPRESS MAIL LABEL NO. <u>EV 214 955 119 45</u>

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☐ Copies of the cited references are enclosed.
- ☐ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
- ☒ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. 10/176,930, to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ submission of the enclosed International Search Report.
- ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
- ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

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Examiner

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Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

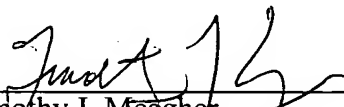
Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

  
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Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: 4/16/09

PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>April 16, 2004</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3558.1005-008		APPLICATION NO.	
	FIRST NAMED INVENTOR Dino J. Farina, et al.		FILING DATE	
	EXAMINER	CONFIRMATION NO.	GROUP	

U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	4,965,841	23-OCT-90	Kaneko <i>et al.</i>
	AB	5,561,527	01-OCT-96	Krone-Schmidt <i>et al.</i>
	AC	6,193,936 B1	27-FEB-01	Gardner <i>et al.</i>
	AD	4,415,265	15-NOV-83	Campillo <i>et al.</i>
	AE	5,879,713	09-MAR-99	Roth <i>et al.</i>
	AF	RE 34,910	18-APR-95	Funkenbusch <i>et al.</i>
	AG	5,075,014	24-DEC-91	Sullivan
	AH	4,357,670	02-NOV-82	McFarlane
	AI	4,614,300	30-SEP-86	Falcoff
	AJ	4,992,952	12-FEB-91	Sasaki
	AK	5,337,926	16-AUG-94	Drobish, et al.
	AA2	6,149,071	21-NOV-00	MacCallumMhor, et al.
	AB2	6,256,597 B1	03-JUL-01	Wang, et al.
	AC2	6,508,112 B1	21-JAN-03	Verhoeven
	AD2	6,665,421 B1	16-DEC-03	Farina
	AE2			
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	AH2			
	AI2			
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	AA3			
	AB3			
	AC3			

EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>April 16, 2004</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO. <b>3558.1005-008</b>		APPLICATION NO.	
	FIRST NAMED INVENTOR <b>Dino J. Farina, et al.</b>		FILING DATE	
	EXAMINER	CONFIRMATION NO.	GROUP	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	Dvorak, P., "How to See Aerosol Spray Patterns and Plumes," <i>Machine Design</i> , 72(13): 122 (2000, July 6).
AS	Badreldin, Amira M., "Real-Time Analysis of Fuel Spray Images," <i>IEEE</i> , pp. 622-624 (1987).
AT	Lopera, J. F. G., <i>et al.</i> , "Improved Entropic Edge-Detection." Paper supported by grant MAR97-0464-C04-02 of Spanish Government. No date given.
AU	Pastor, J. V., <i>et al.</i> , "Analysis Methodology of Diesel Spray and Flame by Means of In-Cylinder Endoscopic Imaging," (The Institution of Electrical Engineers). Savoy Place, London: IEE (2000).
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